

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 52 (12/20/2020- 12/26/2020)

COCONINO COUNTY  
*January 4, 2021*

# Situation Summary

MMWR Week 52 (12/20/2020-12/26/2020)

**A total of 10,780 confirmed COVID-19 cases have been reported among Coconino County residents through week 52.**

**Deaths: 197** (2% of cases)

**Probable Deaths: 5**

**Recovered Cases: 7,325**

(68% of cases)

**Hospitalizations: 830**

(8% of cases)

## Cases Reported Week 52 (December 20 - December 26, 2020):

**668**  
Confirmed  
Cases

**2,832**  
Negative  
Cases

**465.6**  
Rate per  
100,000

**14.4%\***  
Positivity  
Yield

## Community Transmission

- Coconino County has a current **incidence rate of 465.5 per 100,000**, **percent positivity of 14.4%\***, and **COVID-19-Like-Illness incidence (CLI) of 25.5%\*\***.
- Coconino County is currently at a **substantial \*\*\*** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**\*Percent positivity was calculated using only ELR data due to insufficient reporting.**

**\*\*Incidence rate and percent positivity data are from week 52 (CLI data from week 51 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.**

**\*\*\* ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 51 met the benchmarks for Substantial level of community spread.**

## Cumulative Counts (March 15, 2020- December 26, 2020):

**10,780**  
Confirmed  
Cases

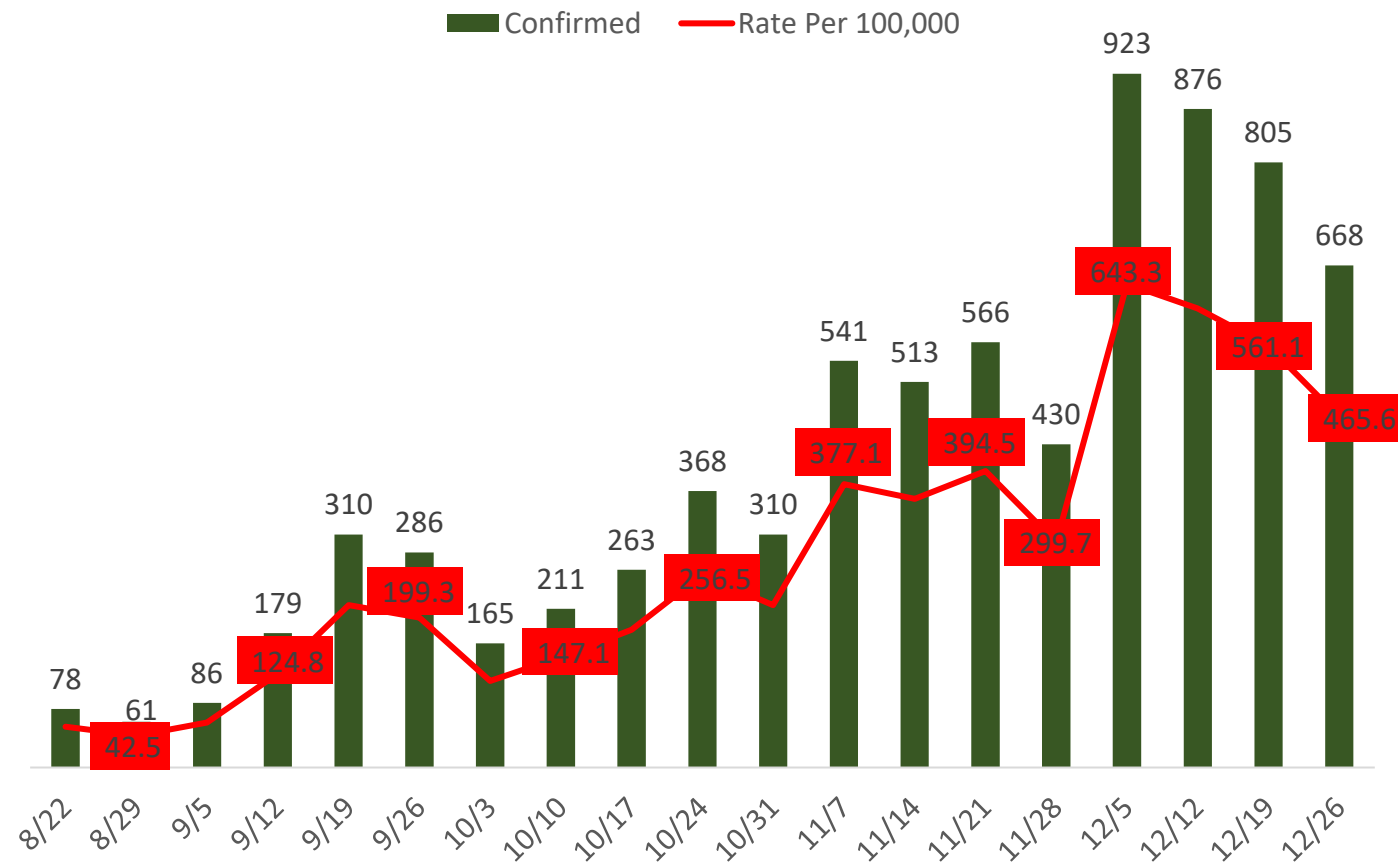
**74,463**  
Negative  
Tests

**85,243**  
Total Tests  
Resulted

**12.6%**  
Positivity  
Yield

**7,513.5 cases per 100,000 Coconino County Residents**  
**vs.**  
**7,376.1 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:



## Age:

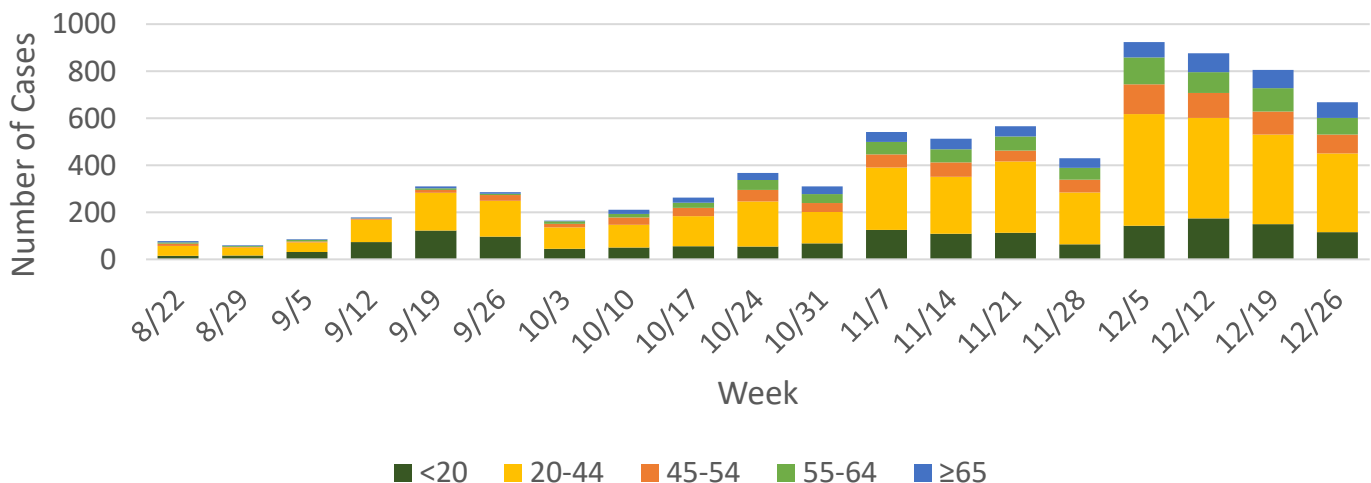
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	2,074	14,214	11.3%	35,153.6	5,129.3
20-44 years	5,410	41,077	9.9%	76,579.0	10,085.8
45-54 years	1,263	10,173	10.1%	71,414.5	8,866.3
55-64 years	1,112	10,017	8.9%	60,449.0	6,710.5
65+ years	921	9,751	7.6%	52,464.2	4,955.3

**The median age of Coconino County COVID-19 cases is 31 years old**

### Key Take Away

- The highest **case incidence** for week 52 was observed among residents aged 20-44 and 45-54 with an incidence of 624.5 and 561.6 per 100,000, respectively.
- The highest **positivity yield** for week 52 was observed among residents aged <20 and 65+, with a positivity yield of 18% and 16%, respectively.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 46% higher than that of 65+ years).

## Age of Confirmed Cases by Week



\*Cases reported from 3/15/20-12/26/20

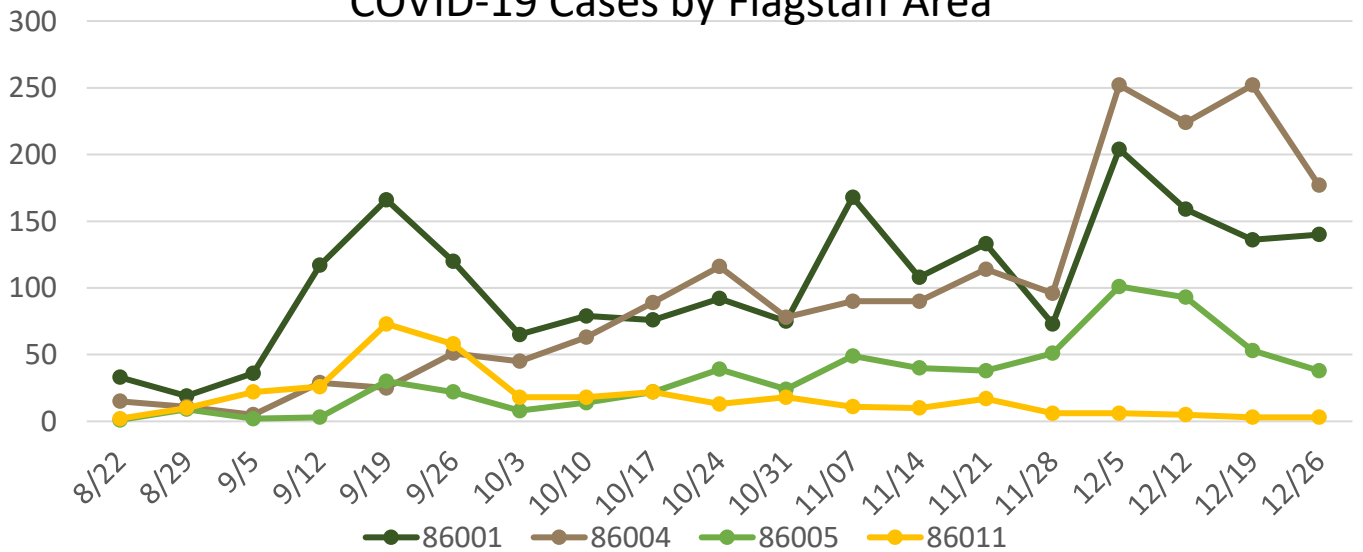
## Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	6,215	61,488	8.0%	66,078.5	6,679.0
Page	859	4,785	17.2%	63,402.7	11,382.0
Tribal Communities	2,987	12,713	14.8%	49,864.7	11,716.0
Williams	305	2,409	10.6%	45,746.3	5,791.9
Grand Canyon	93	915	9.4%	36,820.9	3,742.5
Other Areas	321	2,331	8.4%	24,205.6	3,333.3

### Key Take Away

- The highest **decrease of cases** in the Flagstaff area from the previous week was observed in 86004 and 86005 with a 42% and 39% decrease, respectively. The highest **increase of cases** was observed in 86001 with a 3% increase.
- The highest **decrease of cases** in Other Areas from the previous week was observed in Williams with a 31% decrease.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

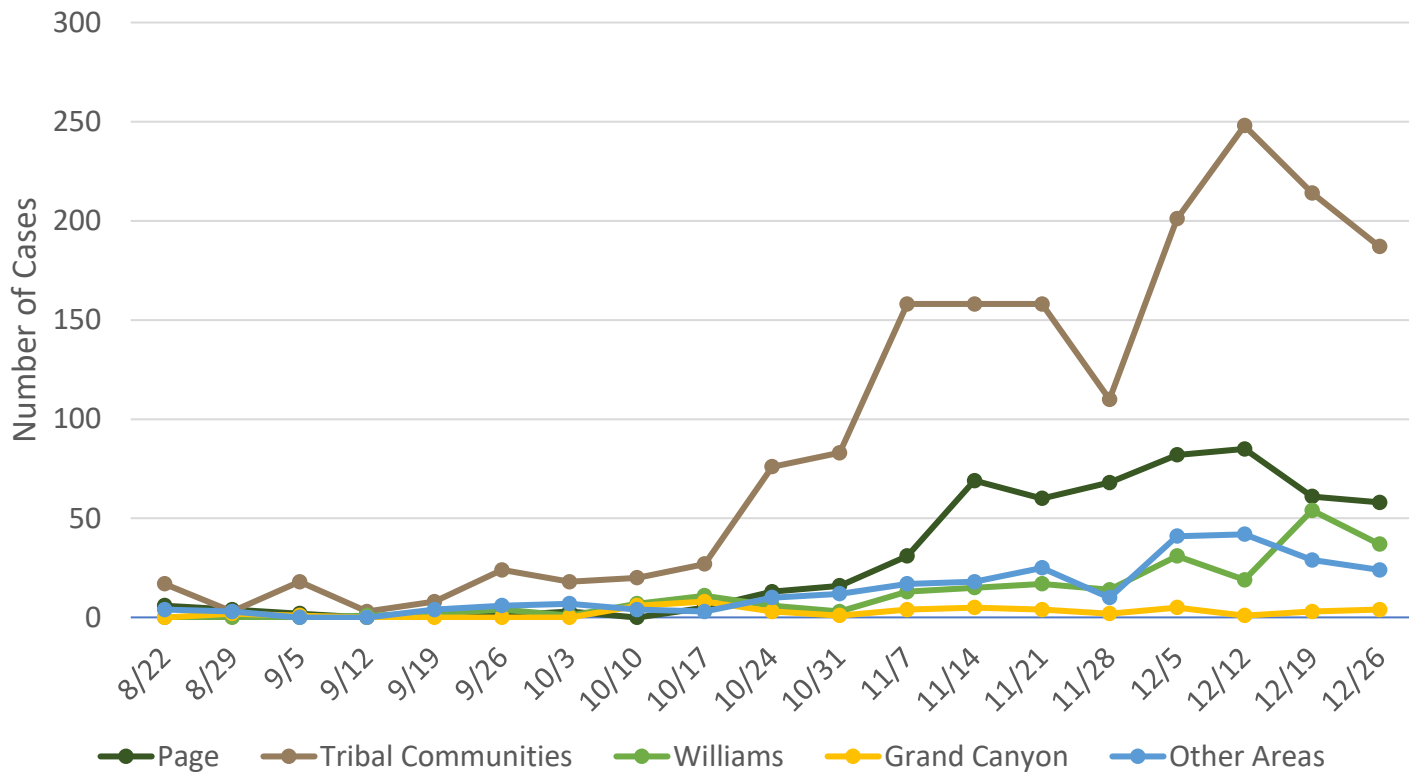


\*Cases reported from 3/15/20-12/26/20

# COVID-19 Situation Summary\*

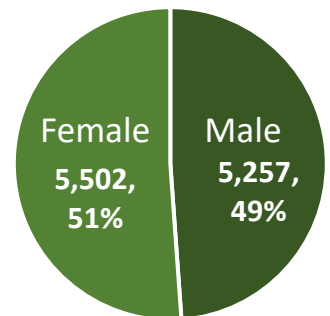
## Location:

### COVID-19 Cases by Other Geographic Area



## Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	5,502	45,889	8.9%	7,595.3
Male	5,257	39,018	9.8%	7,400.5

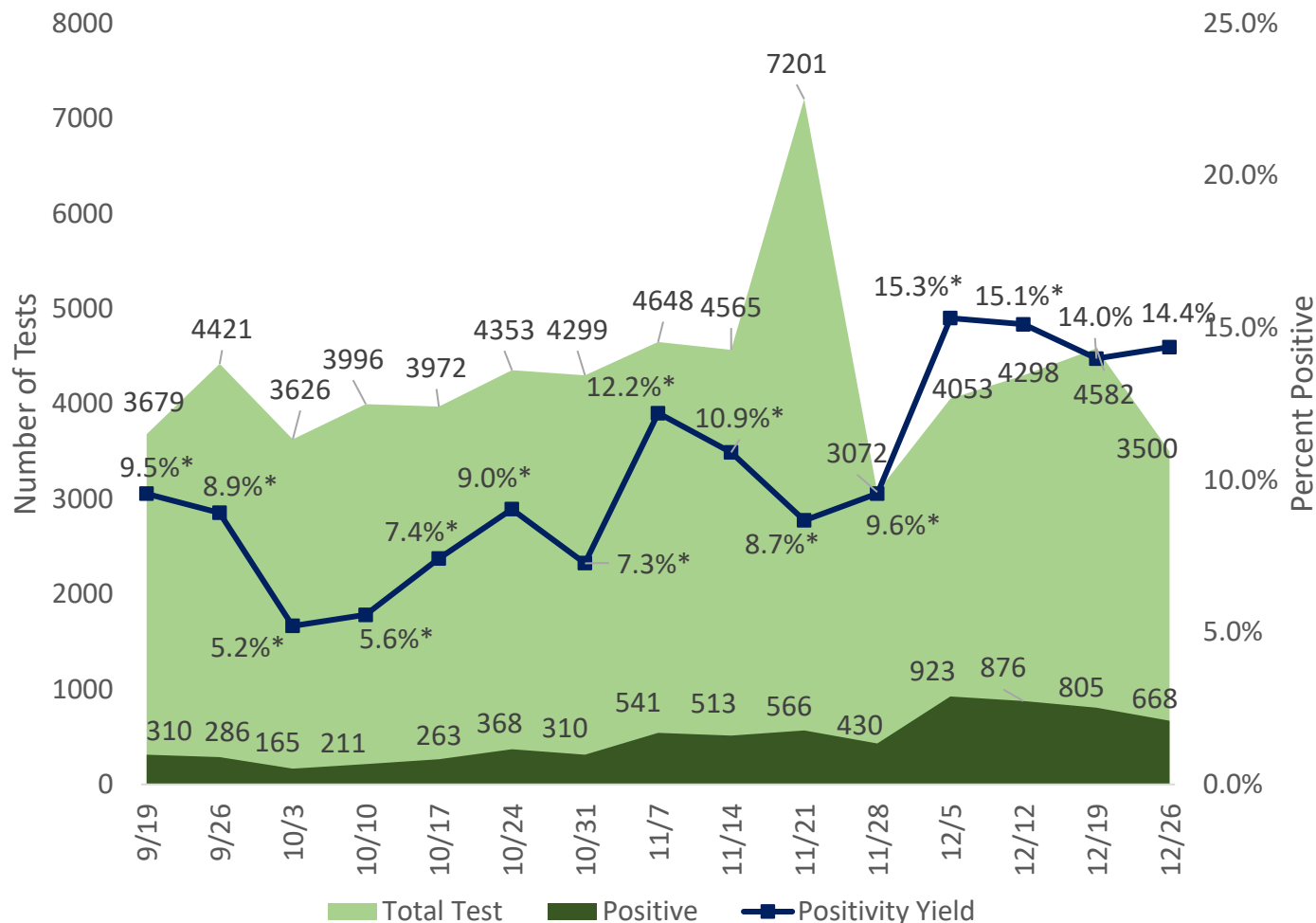


### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 18% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

# COVID-19 Situation Summary\*

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Specimen Collection:** Coconino County response team sites have collected a total of **89,894** specimens.

Fort Tuthill: 51,790	CCHHS: 1,308	CCC: 212	NAU: 34,078
Fredonia: 41	Grand Canyon: 291	Williams: 852	Other: 1,322

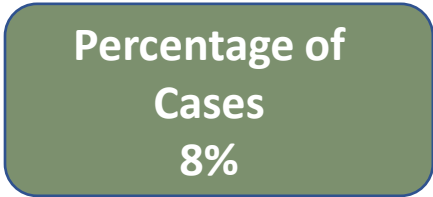
**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 4,811**

**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

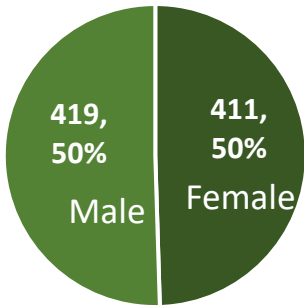
- **Currently being monitored: 108 (As of 12/26/2020)**
- **Total individuals monitored to date: 4,069**

## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

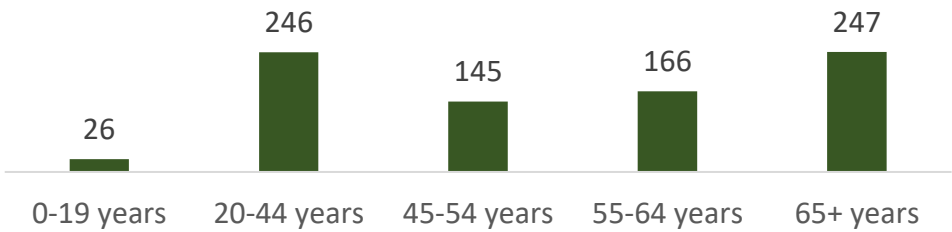


### Sex

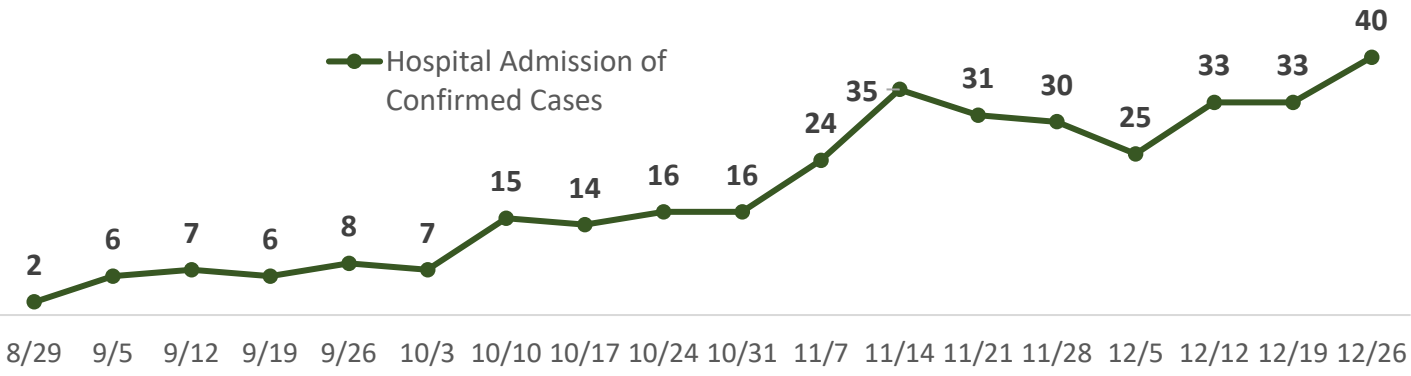


17% of hospitalized residents were in the ICU and 8% were intubated.

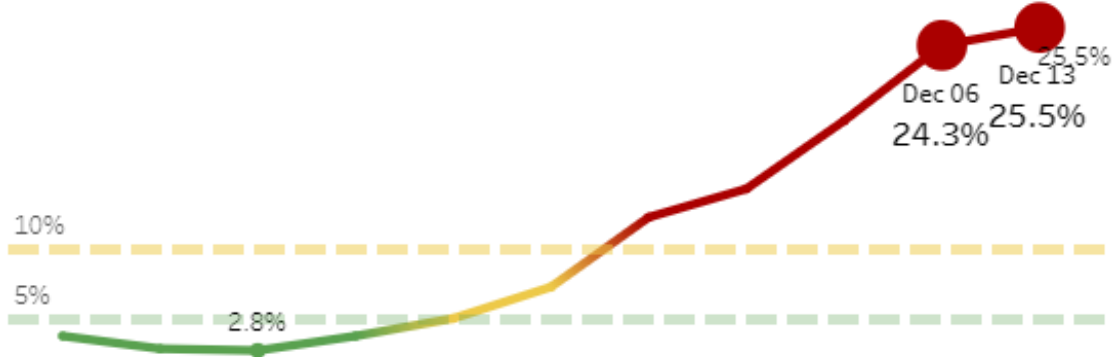
### Hospitalized Coconino COVID-19 Patients by Age



### Weekly Case Counts Among Coconino County Residents:



### Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-12/26/20



# COVID-19 Situation Summary\*

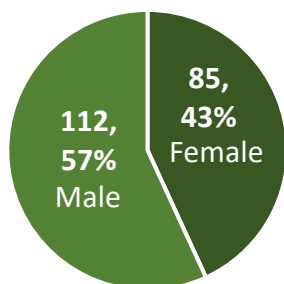
## COVID-19 Related Deaths:

Percentage of  
Cases  
2%

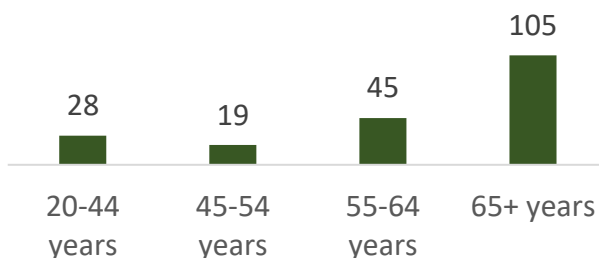
Deaths  
197

Fatalities  
Per 100,000  
137.3

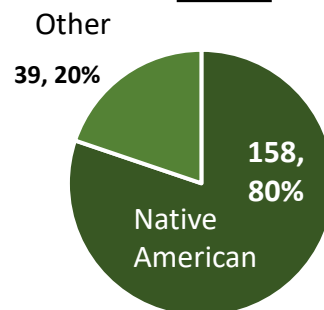
### Sex



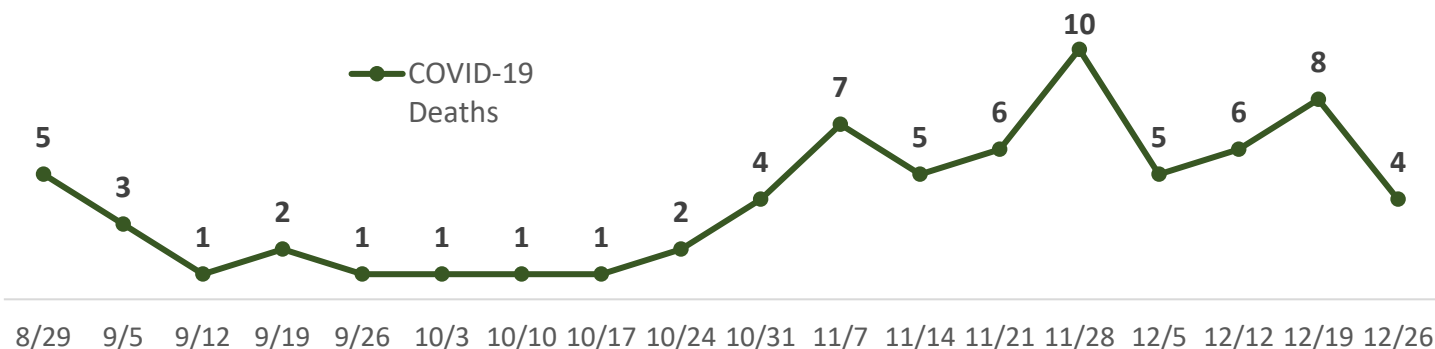
### Coconino COVID-19 Deaths by Age



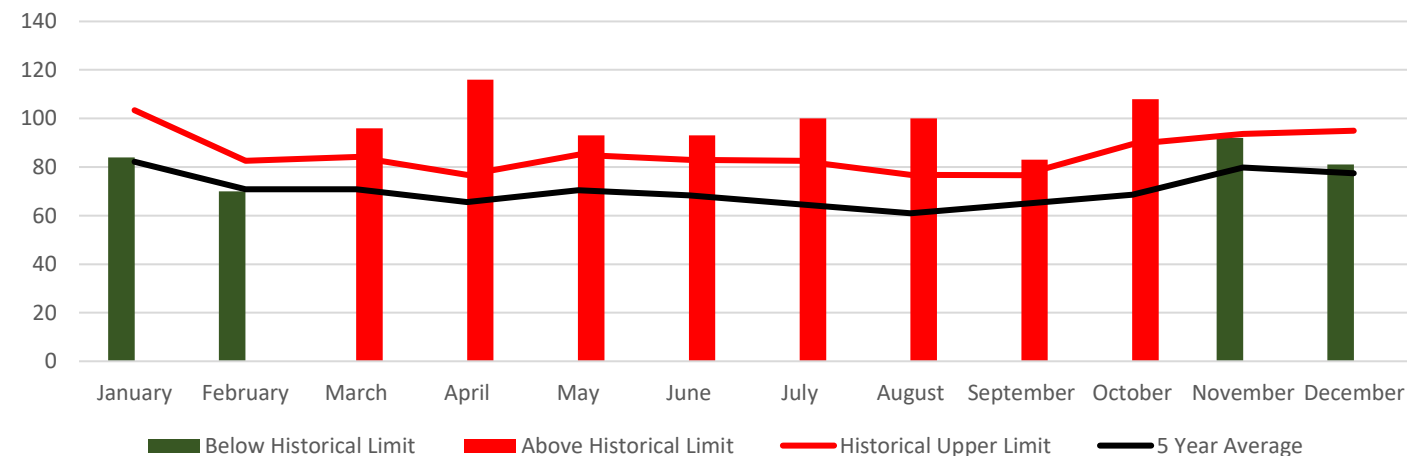
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2020 All Deaths Aberration



\*Cases reported from 3/15/20-12/26/20